

Missouri Occupational Projections 2022-2024

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Short-Term Occupational projections are produced every year and are published in March. Occupations are classified using the Standard Occupational Classification (SOC) system. Major occupation groups are at the two digit SOC level, while detailed c

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Major Occupation Groups Information

Occupation		2022	2024	2022-2024		2021 Wages				Annual Openings			
SOC Code	Occupation Title	Estimated Employment	Projected Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total
00-0000	Total, All Occupations	3,083,100	3,135,371	52,271	1.7%	\$28,640	\$51,390	\$38,130	\$60,560	127,710	197,108	26,136	350,954
11-0000	Management Occupations	187,918	192,669	4,751	2.5%	\$59,650	\$104,120	\$91,790	\$129,570	4,208	9,992	2,376	16,576
13-0000	Business and Financial Operations Occupations	189,148	193,348	4,200	2.2%	\$48,360	\$74,780	\$63,460	\$91,880	4,169	9,012	2,100	15,281
15-0000	Computer and Mathematical Occupations	87,666	89,931	2,265	2.6%	\$54,760	\$83,150	\$78,110	\$102,410	1,046	2,784	1,132	4,962
17-0000	Architecture and Engineering Occupations	41,175	42,043	868	2.1%	\$60,240	\$84,640	\$77,750	\$100,290	985	1,967	434	3,386
19-0000	Life, Physical, and Social Science Occupations	21,656	22,039	383	1.8%	\$44,770	\$65,170	\$59,490	\$78,810	408	1,428	192	2,028
21-0000	Community and Social Service Occupations	45,469	46,130	661	1.5%	\$36,740	\$45,190	\$41,510	\$49,630	1,439	2,902	330	4,671
23-0000	Legal Occupations	22,105	22,585	480	2.2%	\$47,780	\$98,240	\$76,390	\$127,990	616	878	240	1,734
25-0000	Educational Instruction and Library Occupations	156,203	160,073	3,870	2.5%	\$33,870	\$53,570	\$46,920	\$61,120	6,072	6,934	1,935	14,941
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	47,267	48,314	1,047	2.2%	\$30,160	\$51,480	\$44,480	\$61,730	1,701	3,050	524	5,275
29-0000	Healthcare Practitioners and Technical Occupations	199,205	203,144	3,939	2.0%	\$46,740	\$78,670	\$60,820	\$79,170	4,596	5,241	1,970	11,807
31-0000	Healthcare Support Occupations	148,778	152,906	4,128	2.8%	\$22,830	\$29,110	\$27,800	\$30,230	9,070	9,112	2,064	20,246
33-0000	Protective Service Occupations	59,664	60,613	949	1.6%	\$29,630	\$46,880	\$39,290	\$60,540	2,415	3,590	474	6,479
35-0000	Food Preparation and Serving Related Occupations	255,986	260,465	4,479	1.8%	\$22,460	\$27,340	\$24,400	\$28,820	18,029	25,394	2,240	45,663
37-0000	Building and Grounds Cleaning and Maintenance Occupations	104,730	106,570	1,840	1.8%	\$23,890	\$31,250	\$28,980	\$35,530	6,018	7,704	920	14,642
39-0000	Personal Care and Service Occupations	80,661	82,860	2,199	2.7%	\$22,840	\$31,060	\$26,720	\$34,460	5,083	6,203	1,100	12,386
41-0000	Sales and Related Occupations	273,086	274,663	1,577	0.6%	\$23,440	\$41,190	\$29,020	\$47,060	14,320	21,815	788	36,923
43-0000	Office and Administrative Support Occupations	425,047	424,697	-350	-0.1%	\$29,200	\$40,560	\$36,890	\$46,990	20,124	26,032	-175	45,981
45-0000	Farming, Fishing, and Forestry Occupations	14,379	14,725	346	2.4%	\$25,830	\$34,660	\$30,760	\$38,240	606	1,650	173	2,429
47-0000	Construction and Extraction Occupations	125,807	129,355	3,548	2.8%	\$38,220	\$57,580	\$53,140	\$75,490	3,748	8,520	1,774	14,042
49-0000	Installation, Maintenance, and Repair Occupations	133,731	136,367	2,636	2.0%	\$36,390	\$50,370	\$47,010	\$60,510	4,228	8,560	1,318	14,106
51-0000	Production Occupations	205,623	207,677	2,054	1.0%	\$29,900	\$42,160	\$37,710	\$47,780	7,756	14,712	1,027	23,495
53-0000	Transportation and Material Moving Occupations	257,796	264,197	6,401	2.5%	\$28,300	\$39,690	\$36,000	\$46,640	11,072	19,630	3,200	33,902

Projections were made with historical data and information that was available at the time. Events that happen after these projections were made could alter these projections figures significantly.

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Top Job Openings

Openings based on job growth as well as replacement needs due to exits or transfers

Top Job Openings - Statewide 2022-2024					
SOC Code	Occupation Title	Percent Growth	Median Annual Wage	Annual Openings	Typical Education Required
41-2011	Cashiers	-0.4%	\$23,310	12,195	No formal educational credential
31-1120	Home Health and Personal Care Aides	4.5%	\$23,110	11,737	High school diploma or equivalent
53-7065	Stockers and Order Fillers	4.1%	\$29,620	10,338	High school diploma or equivalent
41-2031	Retail Salespersons	0.3%	\$27,330	9,842	No formal educational credential
35-3031	Waiters and Waitresses	1.8%	\$22,590	8,429	No formal educational credential
11-1021	General and Operations Managers	2.5%	\$76,990	8,220	Bachelor's degree
35-3023	Fast Food and Counter Workers	1.0%	\$23,260	8,026	No formal educational credential
43-9061	Office Clerks, General	0.2%	\$35,430	6,868	High school diploma or equivalent
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	1.8%	\$28,690	6,441	No formal educational credential
43-6014	Secretaries and Administrative Assistants	-0.7%	\$34,390	6,418	High school diploma or equivalent
43-4051	Customer Service Representatives	1.0%	\$36,360	6,395	High school diploma or equivalent
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	2.2%	\$30,210	6,126	No formal educational credential
35-2011	Cooks, Fast Food	-1.9%	\$23,580	5,865	No formal educational credential
53-3032	Heavy and Tractor-Trailer Truck Drivers	1.3%	\$47,130	5,672	Postsecondary non-degree award
35-2014	Cooks, Restaurant	6.7%	\$28,250	5,659	No formal educational credential
29-1141	Registered Nurses	1.7%	\$61,920	4,470	Bachelor's degree
49-9071	Maintenance and Repair Workers, General	2.2%	\$38,200	4,040	High school diploma or equivalent
31-1131	Nursing Assistants	-0.5%	\$28,680	4,004	Postsecondary non-degree award
37-2012	Maids and Housekeeping Cleaners	1.6%	\$25,420	3,642	No formal educational credential
43-3031	Bookkeeping, Accounting, and Auditing Clerks	0.1%	\$41,240	3,442	Some college, no degree

Source: 2022-2024 Short-Term Occupational Projections, Missouri Economic Research and Information Center

Fastest Growing Occupations

Fastest growth defined by percent growth from base year to projected year

Fastest Growing Occupations - Statewide 2022-2024					
SOC Code	Occupation Title	Percent Growth	Median Annual Wage	Annual Openings	Typical Education Required
29-1171	Nurse Practitioners	8.1%	\$101,180	705	Master's degree
13-1081	Logisticians	7.7%	\$76,840	320	Bachelor's degree
39-3031	Ushers, Lobby Attendants, and Ticket Takers	7.4%	\$24,540	730	No formal educational credential
51-9162	Computer Numerically Controlled Tool Programmers	7.3%	\$55,780	109	Postsecondary non-degree award
35-2014	Cooks, Restaurant	6.7%	\$28,250	5,659	No formal educational credential
15-2031	Operations Research Analysts	6.7%	\$74,370	98	Bachelor's degree
15-1212	Information Security Analysts	6.4%	\$95,270	222	Bachelor's degree
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	6.0%	\$37,880	109	High school diploma or equivalent
31-2021	Physical Therapist Assistants	5.8%	\$58,050	337	Associate's degree
31-2011	Occupational Therapy Assistants	5.8%	\$59,780	109	Associate's degree
39-9031	Exercise Trainers and Group Fitness Instructors	5.8%	\$34,520	1,403	High school diploma or equivalent
53-7051	Industrial Truck and Tractor Operators	5.7%	\$38,340	1,853	No formal educational credential
11-9111	Medical and Health Services Managers	5.5%	\$97,930	887	Bachelor's degree
25-1071	Health Specialties Teachers, Postsecondary	5.5%	n/a	511	Doctoral or professional degree
29-1127	Speech-Language Pathologists	5.3%	\$76,680	218	Master's degree
27-2023	Umpires, Referees, and Other Sports Officials	5.3%	\$34,550	133	High school diploma or equivalent
25-3021	Self-Enrichment Teachers	5.2%	\$36,080	766	High school diploma or equivalent
29-1071	Physician Assistants	5.2%	\$99,510	134	Master's degree
49-9041	Industrial Machinery Mechanics	5.1%	\$59,900	520	High school diploma or equivalent
25-1072	Nursing Instructors and Teachers, Postsecondary	5.1%	\$63,740	169	Doctoral or professional degree

Occupations with less than 50 annual openings are omitted
Source: 2022-2024 Short-Term Occupational Projections, Missouri Economic Research and Information Center

All Occupation Information

Occupation		2022		2024		2022-2024		2021 Wages				Annual Openings				Education, Experience, and Training		
SOC Code	Occupation Title	Estimated Employment	Project Employment	Net Change	Percent Change	Entry	Mean	Median	Experienced	Exits	Transfers	Growth	Total	Typical Education Required	Typical Experience Required	Typical Job Training		
00-0000	Total, All Occupations	3,083,100	3,135,371	52,271	1.7%	\$28,640	\$51,390	\$38,130	\$60,560	127,710	197,108	26,136	350,954					
11-0000	Management Occupations	187,918	192,669	4,751	2.5%	\$59,650	\$104,120	\$91,790	\$129,570	4,208	9,992	2,376	16,576					
11-1011	Chief Executives	4,700	4,689	-11	-0.2%	\$99,880	\$189,620	\$162,630	n/a	128	190	-6	312	Bachelor's degree	5 years or more	None		
11-1021	General and Operations Managers	86,317	88,432	2,115	2.5%	\$47,570	\$96,820	\$76,990	\$126,560	1,745	5,417	1,058	8,220	Bachelor's degree	5 years or more	None		
11-1031	Legislators	920	932	12	1.3%	\$21,420	\$40,280	\$21,870	\$46,600	22	46	6	74	Bachelor's degree	Less than 5 years	None		
11-2011	Advertising and Promotions Managers	415	423	8	1.9%	\$78,310	\$101,490	\$99,510	\$119,860	8	32	4	44	Bachelor's degree	Less than 5 years	None		
11-2021	Marketing Managers	3,011	3,086	75	2.5%	\$80,880	\$120,560	\$102,060	\$151,730	61	192	38	291	Bachelor's degree	5 years or more	None		
11-2022	Sales Managers	5,119	5,234	115	2.3%	\$88,760	\$135,260	\$126,240	\$165,670	104	326	58	488	Bachelor's degree	Less than 5 years	None		
11-2032	Public Relations Managers	1,111	1,142	31	2.8%	\$78,080	\$117,480	\$103,020	\$150,750	0	0	16	16	Bachelor's degree	5 years or more	None		
11-2033	Fundraising Managers	339	347	8	2.4%	\$75,090	\$108,800	\$94,940	\$126,080	0	0	4	4	Bachelor's degree	5 years or more	None		
11-3012	Administrative Services Managers	2,970	3,024	54	1.8%	\$74,620	\$107,440	\$97,930	\$128,210	0	0	27	27	Bachelor's degree	Less than 5 years	None		
11-3013	Facilities Managers	1,720	1,745	25	1.5%	\$62,520	\$88,200	\$78,060	\$101,660	0	0	12	12	Bachelor's degree	Less than 5 years	None		
11-3021	Computer and Information Systems Managers	6,715	6,918	203	3.0%	\$99,510	\$135,670	\$129,510	\$164,930	110	388	102	600	Bachelor's degree	5 years or more	None		
11-3031	Financial Managers	10,843	11,313	470	4.3%	\$98,740	\$138,130	\$127,000	\$164,990	227	556	235	1,018	Bachelor's degree	5 years or more	None		
11-3051	Industrial Production Managers	4,774	4,875	101	2.1%	\$77,790	\$111,230	\$100,340	\$131,060	94	228	50	372	Bachelor's degree	5 years or more	None		
11-3061	Purchasing Managers	789	805	16	2.0%	\$98,790	\$128,740	\$125,770	\$148,300	18	43	8	69	Bachelor's degree	5 years or more	None		
11-3071	Transportation, Storage, and Distribution Managers	2,259	2,333	74	3.3%	\$61,950	\$94,180	\$80,170	\$119,410	44	126	37	207	High school diploma or equivalent	5 years or more	None		
11-3111	Compensation and Benefits Managers	190	192	2	1.1%	\$102,630	\$145,860	\$129,710	\$168,490	4	10	1	15	Bachelor's degree	5 years or more	None		
11-3121	Human Resources Managers	2,662	2,726	64	2.4%	\$80,240	\$119,210	\$102,770	\$134,250	62	150	32	244	Bachelor's degree	5 years or more	None		
11-3131	Training and Development Managers	222	226	4	1.8%	\$78,230	\$112,250	\$110,980	\$131,200	5	15	2	22	Bachelor's degree	5 years or more	None		
11-9013	Farmers, Ranchers, and Other Agricultural Managers	7,228	7,319	91	1.3%	\$48,340	\$68,130	\$61,810	\$81,310	448	253	46	747	High school diploma or equivalent	5 years or more	None		
11-9021	Construction Managers	4,063	4,205	142	3.5%	\$74,440	\$97,420	\$91,640	\$119,190	85	210	71	366	Bachelor's degree	None	Moderate-term on-the-job training		
11-9031	Education and Childcare Administrators, Preschool and Daycare	n/a	n/a	n/a	n/a	\$35,220	\$44,860	\$38,690	\$52,800	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None		
11-9032	Education Administrators, Kindergarten through Secondary	7,460	7,635	175	2.4%	\$76,490	\$92,760	\$93,810	\$100,590	186	350	88	624	Master's degree	5 years or more	None		
11-9033	Education Administrators, Postsecondary	2,544	2,602	58	2.3%	\$72,030	\$103,860	\$94,410	\$125,930	64	120	29	213	Master's degree	Less than 5 years	None		
11-9039	Education Administrators, All Other	367	371	4	1.1%	\$48,980	\$74,580	\$61,070	\$96,600	9	17	2	28	Bachelor's degree	Less than 5 years	None		
11-9041	Architectural and Engineering Managers	2,132	2,174	42	2.0%	\$111,780	\$142,350	\$132,450	\$169,120	39	110	21	170	Bachelor's degree	5 years or more	None		
11-9051	Food Service Managers	2,639	2,685	46	1.7%	\$39,110	\$61,480	\$57,000	\$76,980	82	212	23	317	High school diploma or equivalent	Less than 5 years	Short-term on-the-job training		
11-9071	Gambling Managers	70	73	3	4.3%	\$62,780	\$89,570	\$77,980	\$98,850	2	4	2	8	High school diploma or equivalent	Less than 5 years	None		
11-9072	Entertainment And Recreation Managers, Except Gambling	376	385	9	2.4%	\$40,980	\$74,620	\$62,980	\$97,360	0	0	4	4	Bachelor's degree	Less than 5 years	None		
11-9081	Lodging Managers	266	268	2	0.8%	\$45,950	\$55,420	\$48,100	\$52,850	10	18	1	29	High school diploma or equivalent	Less than 5 years	None		
11-9111	Medical and Health Services Managers	8,426	8,888	462	5.5%	\$76,960	\$108,150	\$97,930	\$126,650	216	440	231	887	Bachelor's degree	Less than 5 years	None		
11-9121	Natural Sciences Managers	802	816	14	1.8%	\$61,880	\$107,480	\$95,220	\$131,040	16	40	7	63	Bachelor's degree	5 years or more	None		
11-9131	Postmasters and Mail Superintendents	257	248	-9	-3.5%	\$72,760	\$80,490	\$77,810	\$89,230	6	12	-4	14	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training		
11-9141	Property, Real Estate, and Community Association Managers	8,202	8,483	281	3.4%	\$29,400	\$49,030	\$45,420	\$61,250	317	315	140	772	High school diploma or equivalent	Less than 5 years	None		
11-9151	Social and Community Service Managers	2,066	2,088	22	1.1%	\$48,430	\$65,700	\$60,180	\$76,330	62	112	11	185	Bachelor's degree	Less than 5 years	None		
11-9161	Emergency Management Directors	207	210	3	1.5%	\$38,410	\$70,620	\$60,500	\$96,480	8	10	2	20	Bachelor's degree	5 years or more	None		
11-9171	Funeral Home Managers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate's degree	Less than 5 years	None		
11-9179	Personal Service Managers, All Other	214	216	2	0.9%	\$26,950	\$41,480	\$38,150	\$48,830	0	0	1	1	High school diploma or equivalent	Less than 5 years	None		
11-9199	Managers, All Other	4,428	4,459	31	0.7%	\$65,890	\$110,550	\$103,030	\$138,530	0	0	16	16	Bachelor's degree	Less than 5 years	None		
13-0000	Business and Financial Operations Occupations	189,148	193,348	4,200	2.2%	\$48,360	\$74,780	\$63,460	\$91,880	4,169	9,012	2,100	15,281					
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	n/a	n/a	n/a	n/a	\$29,370	\$50,420	\$34,660	\$62,320	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	None		
13-1020	Buyers and Purchasing Agents	8,212	8,219	7	0.1%	\$47,230	\$65,780	\$61,330	\$79,170	279	526	4	809	Bachelor's degree	None	Moderate-term on-the-job training		
13-1031	Claims Adjusters, Examiners, and Investigators	6,288	6,307	19	0.3%	\$47,990	\$69,930	\$64,050	\$83,490	148	328	10	486	High school diploma or equivalent	None	Long-term on-the-job training		
13-1032	Insurance Appraisers, Auto Damage	301	307	6	2.0%	\$57,720	\$66,180	\$66,350	\$81,410	7	16	3	26	Postsecondary non-degree award	None	Moderate-term on-the-job training		
13-1041	Compliance Officers	5,246	5,278	32	0.6%	\$38,950	\$64,220	\$59,730	\$80,870	127	280	16	423	Bachelor's degree	None	Moderate-term on-the-job training		
13-1051	Cost Estimators	6,301	6,438	137	2.2%	\$48,490	\$72,530	\$63,860	\$82,170	180	384	68	632	Bachelor's degree	None	Moderate-term on-the-job training		
13-1071	Human Resources Specialists	15,939	16,336	397	2.5%	\$44,870	\$61,490	\$57,200	\$76,240	437	1,072	198	1,707	Bachelor's degree	None	None		
13-1074	Farm Labor Contractors	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	Less than 5 years	Short-term on-the-job training		
13-1075	Labor Relations Specialists	2,301	2,288	-13	-0.6%	\$72,300	\$83,370	\$81,410	\$99,180	62	152	-6	208	Bachelor's degree	Less than 5 years	None		
13-1081	Logisticians	2,520	2,713	193	7.7%	\$56,820	\$77,330	\$76,840	\$98,680	54	170	96	320	Bachelor's degree	None	None		
13-1082	Project Management Specialists	17,741	18,214	473	2.7%	\$61,260	\$88,150	\$79,890	\$104,030	0	0	236	236	Bachelor's degree	None	None		
13-1111	Management Analysts	15,875	16,442	567	3.6%	\$62,980	\$92,980	\$81,680	\$109,590	520	930	284	1,734	Bachelor's degree	Less than 5 years	None		
13-1121	Meeting, Convention, and Event Planners	2,890	2,978	88	3.0%	\$29,070	\$46,140	\$42,580	\$60,740	88	216	44	348	Bachelor's degree	None	None		
13-1131	Fundraisers	1,451	1,495	44	3.0%	\$47,310	\$59,360	\$60,410	\$74,510	46	94	22	162	Bachelor's degree	None	None		
13-1141	Compensation, Benefits, and Job Analysis Specialists	1,403	1,432	29	2.1%	\$53,200	\$74,600	\$70,010	\$93,180	42	83	14	139	Bachelor's degree	Less than 5 years	None		
13-1151	Training and Development Specialists	6,659	6,852	193	2.9%	\$39,750	\$55,890	\$49,490	\$63,460	204	414	96	714	Bachelor's degree	Less than 5 years	None		
13-1161	Market Research Analysts and Marketing Specialists	12,025	12,583	558	4.6%	\$41,950	\$67,550	\$59,800	\$79,620	292	899	279	1,470	Bachelor's degree	None	None		
13-1199	Business Operations Specialists, All Other	13,284	13,426	142	1.1%	\$52,780	\$74,680	\$67,190	\$93,480	0	0	71	71	Bachelor's degree	None	None		
13-2011	Accountants and Auditors	33,779	34,432	653	1.9%	\$48,830	\$72,120	\$62,320	\$81,390	950	2,020	326	3,296	Bachelor's degree	None	None		
13-2020	Property Appraisers and Assessors	1,932	1,985	53	2.7%	\$37,700	\$55,280	\$48,390	\$65,530	74	72	26	172	Bachelor's degree	None	Long-term on-the-job training		
13-2031	Budget Analysts	631	634	3	0.5%	\$53,980	\$73,360	\$70,530	\$88,040	15	33	2	50	Bachelor's degree	None	None		
13-2041	Credit Analysts	1,910	1,919	9	0.5%	\$48,390	\$79,810	\$63,250	\$96,680	32	128	4	164	Bachelor's degree	None	None		
13-2051	Financial and Investment Analysts	5,096	5,233	137	2.7%	\$60,720	\$89,190	\$78,060	\$102,600	0	0	68	68	Bachelor's degree	None	None		
13-2052	Personal Financial Advisors	5,943	6,088	145	2.4%	\$61,340	\$112,760	\$79,650	\$127,290	136	296	72	504	Bachelor's degree	None	Long-term on-the-job training		
13-2053	Insurance Underwriters	2,111	2,134	23	1.1%	\$47,900	\$68,910	\$60,310	\$76,840	43	110	12	165	Bachelor's degree	None	Moderate-term on-the-job training		
13-2054	Financial Risk Specialists	1,120	1,148	28	2.5%	\$54,130	\$88,770	\$78,590	\$116,060	0	0	14	14	Bachelor's degree	None	None		
13-2061	Financial Examiners	2,136	2,233	97	4.5%	\$62,890	\$90,560	\$78,530	\$100,700	58	102	48	208	Bachelor's degree	None	Long-term on-the-job training		
13-2071	Credit Counselors	879	900	21	2.4%	\$37,450	\$54,330	\$43,780	\$60,130	19	48	10	77	Bachelor's degree	None	Moderate-term on-the-job training		
13-2072	Loan Officers	8,005	8,147	142	1.8%	\$49,250	\$88,310	\$74,520	\$98,080	174	440	71	685	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training		
13-2081	Tax Examiners and Collectors, and Revenue Agents	1,978	1,921	-57	-2.9%	\$35,610	\$48,080	\$43,680	\$52,940	76	86	-28	134	Bachelor's degree	None	Moderate-term on-the-job training		
13-2082	Tax Preparers	1,825	1,845	20	1.1%	\$23,970	\$42,350	\$30,190	\$48,630	100	101	10	211	High school diploma or equivalent	None	Moderate-term on-the-job training		
13-2099	Financial Specialists, All Other	3,219	3,266	47	1.5%	\$49,070	\$68,980	\$61,170	\$80,630	0	0	24	24	Bachelor's degree	None	None		
15-0000	Computer and Mathematical Occupations	87,666	89,931	2,265	2.6%	\$54,760	\$83,150	\$78,110	\$102,410	1,046	2,784	1,132	4,962					
15-1211	Computer Systems Analysts	8,721	8,912	191	2.2%	\$65,590	\$90,540	\$82,480	\$102,410	172	434	96	702	Bachelor's degree	None	None		
15-1212	Information Security Analysts	2,114	2,250	136	6.4%	\$74,980	\$95,010	\$95,270	\$119,990	34	120	68	222	B				

19-1042	Medical Scientists, Except Epidemiologists	1,680	1,757	77	4.6%	\$60,410	\$72,120	\$62,460	\$78,810	23	99	38	160	Doctoral or professional degree	None	None
19-1099	Life Scientists, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-2012	Physicists	56	56	0	0.0%	\$121,530	\$169,760	\$163,980	n/a	1	2	0	3	Doctoral or professional degree	None	None
19-2021	Atmospheric and Space Scientists	138	137	-1	-0.7%	\$65,290	\$95,130	\$102,380	\$120,990	2	9	0	11	Bachelor's degree	None	None
19-2031	Chemists	1,761	1,806	45	2.6%	\$55,410	\$86,850	\$78,990	\$104,940	26	132	22	180	Bachelor's degree	None	None
19-2032	Materials Scientists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-2041	Environmental Scientists and Specialists, Including Health	n/a	n/a	n/a	n/a	\$49,250	\$70,310	\$62,910	\$79,000	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
19-2042	Geoscientists, Except Hydrologists and Geographers	241	246	5	2.1%	\$44,420	\$76,460	\$79,510	\$101,600	4	20	2	26	Bachelor's degree	None	None
19-2043	Hydrologists	97	98	1	1.0%	\$67,410	\$82,480	\$88,640	\$99,460	2	8	0	10	Bachelor's degree	None	None
19-2099	Physical Scientists, All Other	117	118	1	0.9%	\$78,270	\$93,960	\$96,180	\$117,890	2	8	0	10	Bachelor's degree	None	None
19-3011	Economists	314	318	4	1.3%	\$55,760	\$95,010	\$88,710	\$111,700	6	16	2	24	Master's degree	None	None
19-3022	Survey Researchers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3033	Clinical and Counseling Psychologists	1,413	1,441	28	2.0%	\$50,350	\$72,530	\$63,580	\$80,910	0	0	14	14	Doctoral or professional degree	None	Internship/residency
19-3034	School Psychologists	n/a	n/a	n/a	n/a	\$60,500	\$81,520	\$76,160	\$98,570	n/a	n/a	n/a	n/a	Master's degree	None	Internship/residency
19-3039	Psychologists, All Other	562	562	0	0.0%	\$93,080	\$97,620	\$105,960	\$113,630	14	22	0	36	Master's degree	None	Internship/residency
19-3041	Sociologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
19-3051	Urban and Regional Planners	307	311	4	1.3%	\$52,530	\$69,960	\$62,940	\$80,590	5	22	2	29	Master's degree	None	None
19-3091	Anthropologists and Archeologists	272	279	7	2.6%	\$29,810	\$43,230	\$36,560	\$53,390	6	18	4	28	Master's degree	None	None
19-3092	Geographers	41	41	0	0.0%	\$71,120	\$82,380	\$83,870	\$98,130	1	2	0	3	Bachelor's degree	None	None
19-3093	Historians	55	56	1	1.8%	\$49,480	\$66,620	\$61,780	\$81,900	1	4	0	5	Master's degree	None	None
19-3099	Social Scientists and Related Workers, All Other	416	413	-3	-0.7%	\$50,460	\$69,000	\$64,290	\$83,490	9	27	-2	34	Bachelor's degree	None	None
19-4012	Agricultural Technicians	488	494	6	1.2%	\$30,750	\$45,990	\$47,030	\$59,180	0	0	3	3	Associate's degree	None	Moderate-term on-the-job training
19-4013	Food Science Technicians	170	172	2	1.2%	\$49,300	\$63,470	\$73,170	\$73,170	0	0	1	1	Associate's degree	None	Moderate-term on-the-job training
19-4021	Biological Technicians	883	898	15	1.7%	\$37,820	\$49,600	\$47,790	\$58,680	21	89	8	118	Bachelor's degree	None	None
19-4031	Chemical Technicians	695	713	18	2.6%	\$35,080	\$45,720	\$42,150	\$49,920	12	64	9	85	Associate's degree	None	Moderate-term on-the-job training
19-4042	Environmental Science and Protection Technicians, Including Health	618	632	14	2.3%	\$31,450	\$49,660	\$41,660	\$51,210	16	58	7	81	Associate's degree	None	None
19-4043	Geological Technicians, Except Hydrologic Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate's degree	None	Moderate-term on-the-job training
19-4044	Hydrologic Technicians	56	56	0	0.0%	\$38,780	\$58,830	\$59,630	\$75,420	0	0	0	0	Associate's degree	None	Moderate-term on-the-job training
19-4051	Nuclear Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Associate's degree	None	Moderate-term on-the-job training
19-4061	Social Science Research Assistants	909	932	23	2.5%	\$48,570	\$55,160	\$49,380	\$61,390	24	86	12	122	Bachelor's degree	None	None
19-4071	Forest and Conservation Technicians	330	329	-1	-0.3%	\$29,460	\$40,590	\$36,420	\$49,500	9	31	0	40	Associate's degree	None	None
19-4092	Forensic Science Technicians	137	142	5	3.7%	\$48,470	\$58,270	\$58,960	\$62,700	4	13	2	19	Bachelor's degree	None	Moderate-term on-the-job training
19-4099	Life, Physical, and Social Science Technicians, All Other	3,211	3,243	32	1.0%	\$37,430	\$46,950	\$38,750	\$49,480	86	303	16	405	Associate's degree	None	None
19-5011	Occupational Health and Safety Specialists	1,767	1,796	29	1.6%	\$53,400	\$75,770	\$74,270	\$93,750	48	76	14	138	Bachelor's degree	None	None
19-5012	Occupational Health and Safety Technicians	353	364	11	3.1%	\$39,350	\$67,670	\$61,400	\$77,950	10	16	6	32	High school diploma or equivalent	None	Moderate-term on-the-job training
21-0000 Community and Social Service Occupations		45,469	46,130	661	1.5%	\$36,740	\$45,190	\$41,510	\$49,630	1,439	2,902	330	4,671			
21-1012	Educational, Guidance, and Career Counselors and Advisors	8,158	8,362	204	2.5%	\$38,860	\$51,540	\$47,500	\$59,740	269	490	102	861	Master's degree	None	None
21-1013	Marriage and Family Therapists	n/a	n/a	n/a	n/a	\$40,730	\$47,930	\$47,050	\$51,460	n/a	n/a	n/a	n/a	Master's degree	None	Internship/residency
21-1015	Rehabilitation Counselors	2,251	2,285	34	1.5%	\$36,830	\$44,520	\$43,150	\$49,820	74	134	17	225	Master's degree	None	None
21-1018	Substance Abuse, Behavioral Disorder, and Mental Health Counselors	4,773	4,905	132	2.8%	\$32,930	\$43,270	\$38,920	\$52,760	158	286	66	510	Bachelor's degree	None	None
21-1019	Counselors, All Other	n/a	n/a	n/a	n/a	\$29,840	\$44,740	\$37,300	\$52,420	n/a	n/a	n/a	n/a	Master's degree	None	None
21-1021	Child, Family, and School Social Workers	8,062	8,125	63	0.8%	\$36,690	\$41,070	\$37,240	\$46,300	227	512	32	771	Bachelor's degree	None	None
21-1022	Healthcare Social Workers	5,366	5,465	99	1.8%	\$37,400	\$51,340	\$48,190	\$61,860	152	342	50	544	Master's degree	None	Internship/residency
21-1023	Mental Health and Substance Abuse Social Workers	1,816	1,837	21	1.2%	\$36,740	\$43,210	\$44,200	\$49,360	51	116	10	177	Master's degree	None	Internship/residency
21-1029	Social Workers, All Other	1,415	1,403	-12	-0.9%	\$36,740	\$50,870	\$37,200	\$69,950	40	89	-6	123	Bachelor's degree	None	None
21-1091	Health Education Specialists	1,630	1,659	29	1.8%	\$37,390	\$51,660	\$47,500	\$60,450	56	114	14	184	Bachelor's degree	None	None
21-1092	Probation Officers and Correctional Treatment Specialists	2,381	2,324	-57	-2.4%	\$39,170	\$37,200	\$39,480	\$51,142	-28	165	165	Bachelor's degree	None	Short-term on-the-job training	
21-1093	Social and Human Service Assistants	3,628	3,669	41	1.1%	\$25,930	\$34,270	\$30,440	\$38,310	146	276	20	442	High school diploma or equivalent	None	Short-term on-the-job training
21-1094	Community Health Workers	2,375	2,443	68	2.9%	\$30,520	\$40,890	\$37,130	\$46,860	82	166	34	282	High school diploma or equivalent	None	Short-term on-the-job training
21-1099	Community and Social Service Specialists, All Other	1,925	1,933	8	0.4%	\$36,740	\$43,600	\$46,300	\$48,040	66	133	4	203	Bachelor's degree	None	None
21-2011	Clergy	703	715	12	1.7%	\$46,860	\$56,640	\$56,180	\$62,670	29	41	6	76	Bachelor's degree	None	Moderate-term on-the-job training
21-2021	Directors, Religious Activities and Education	90	92	2	2.2%	\$46,470	\$66,680	\$75,410	\$85,330	4	6	1	11	Bachelor's degree	Less than 5 years	None
21-2099	Religious Workers, All Other	258	260	2	0.8%	\$26,890	\$43,970	\$46,220	\$59,410	16	18	1	35	Bachelor's degree	None	None
23-0000 Legal Occupations		22,105	22,585	480	2.2%	\$47,780	\$98,240	\$76,390	\$127,990	616	878	240	1,734			
23-1011	Lawyers	13,426	13,734	308	2.3%	\$75,320	\$126,940	\$103,750	\$162,490	294	334	154	782	Doctoral or professional degree	None	None
23-1012	Judicial Law Clerks	139	138	-1	-0.7%	\$30,000	\$46,180	\$48,540	\$58,350	4	5	0	9	Doctoral or professional degree	None	None
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	131	129	-2	-1.5%	\$105,960	\$139,860	\$145,120	\$183,290	3	3	-1	5	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-1022	Arbitrators, Mediators, and Conciliators	60	61	1	1.7%	\$47,580	\$61,540	\$58,970	\$73,130	2	2	0	4	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
23-1023	Judges, Magistrate Judges, and Magistrates	507	494	-13	-2.6%	\$145,320	\$148,610	\$170,720	\$170,720	11	12	-6	17	Doctoral or professional degree	5 years or more	Short-term on-the-job training
23-2011	Paralegals and Legal Assistants	6,195	6,357	162	2.6%	\$38,540	\$53,940	\$48,730	\$60,880	243	424	81	748	Associate's degree	None	None
23-2093	Title Examiners, Abstractors, and Searchers	1,275	1,299	24	1.9%	\$29,800	\$39,450	\$36,140	\$45,760	46	76	12	134	High school diploma or equivalent	None	Moderate-term on-the-job training
23-2099	Legal Support Workers, All Other	372	373	1	0.3%	\$47,400	\$62,430	\$57,260	\$63,810	14	22	0	36	Associate's degree	None	None
25-0000 Educational Instruction and Library Occupations		156,203	160,073	3,870	2.5%	\$33,870	\$53,570	\$46,920	\$61,120	6,072	6,934	1,935	14,941			
25-1011	Business Teachers, Postsecondary	1,324	1,352	28	2.1%	\$61,550	\$109,960	\$98,570	\$132,070	60	62	14	136	Doctoral or professional degree	None	None
25-1021	Computer Science Teachers, Postsecondary	603	616	13	2.2%	\$62,330	\$88,520	\$79,610	\$104,000	28	28	6	62	Doctoral or professional degree	None	None
25-1022	Mathematical Science Teachers, Postsecondary	769	784	15	2.0%	\$57,640	\$77,240	\$71,670	\$95,830	34	36	8	78	Doctoral or professional degree	None	None
25-1031	Architecture Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None
25-1032	Engineering Teachers, Postsecondary	587	606	19	3.2%	\$21,420	\$82,090	\$73,650	\$124,440	26	28	10	64	Doctoral or professional degree	None	None
25-1041	Agricultural Sciences Teachers, Postsecondary	229	234	5	2.2%	\$48,750	\$68,480	\$64,280	\$82,110	10	11	2	23	Doctoral or professional degree	None	None
25-1042	Biological Science Teachers, Postsecondary	1,417	1,464	47	3.3%	\$39,160	\$75,350	\$61,780	\$97,780	64	68	24	156	Doctoral or professional degree	None	None
25-1043	Forestry and Conservation Science Teachers, Postsecondary	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	None
25-1051	Atmospheric, Earth, Marine, and Space Sciences Teachers, Postsecondary	140	143	3	2.1%	\$62,520	\$99,160	\$99,110	\$124,950	6	6	2	14	Doctoral or professional degree	None	None
25-1052	Chemistry Teachers, Postsecondary	429	439	10	2.3%	\$61,490	\$88,300	\$78,170	\$98,160	20	20	5	45	Doctoral or professional degree	None	None
25-1053	Environmental Science Teachers, Postsecondary	51	52	1	2.0%	\$48,720	\$62,160	\$64,030	\$78,400	2	2	0	4	Doctoral or professional degree	None	None
25-1054	Physics Teachers, Postsecondary	231	237	6	2.6%	\$62,230	\$93,380	\$81,440	\$100,100	10	11	3	24	Doctoral or professional degree	None	None
25-1061	Anthropology and Archeology Teachers, Postsecondary	113	116	3	2.7%	\$64,030	\$110,900	\$99,110	\$130,860	5	6	2	13	Doctoral or professional degree	None	None
25-1062	Area, Ethnic, and Cultural Studies Teachers, Postsecondary	167	172	5	3.0%	\$48,720	\$73,280	\$61,740	\$85,770	8	8	2	18	Doctoral or professional degree	None	None
25-1063	Economics Teachers, Postsecondary	253	260	7	2.8%	\$78,790	\$117,350	\$98,570	\$134,350	12	12	4	28	Doctoral or professional degree	None	None
25-1064	Geography Teachers, Postsecondary	62	64	2	3.2%	\$63,270	\$74,700	\$77,100	\$81,440	3	3	1	7	Doctoral or professional degree	None	None
25-1065	Political Science Teachers, Postsecondary	306	314	8	2.6%	\$61,490	\$97,130	\$78,630	\$105,190	14	14	4	32	Doctoral or professional degree	None	None
25-1066	Psychology Teachers, Postsecondary	702	722	20	2.9%	\$59,670	\$82,380	\$72,330	\$97,600	32	34	10	76	Doctoral or professional degree	None	

27-2091	Disc Jockeys, Except Radio	131	136	5	3.8%	n/a	n/a	n/a	n/a	0	0	2	2	High school diploma or equivalent	None	Short-term on-the-job training
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
27-3011	Broadcast Announcers and Radio Disc Jockeys	780	792	12	1.5%	\$22,540	\$59,870	\$28,810	\$58,020	30	43	6	79	Bachelor's degree	None	None
27-3023	News Analysts, Reporters, and Journalists	701	686	-15	-2.1%	\$28,350	\$41,020	\$33,870	\$46,820	20	54	-8	66	Bachelor's degree	None	None
27-3031	Public Relations Specialists	9,474	9,707	233	2.5%	\$41,040	\$61,020	\$51,730	\$75,570	240	630	116	986	Bachelor's degree	None	None
27-3041	Editors	1,362	1,325	-37	-2.7%	\$30,760	\$55,670	\$46,900	\$70,100	44	84	-18	110	Bachelor's degree	Less than 5 years	None
27-3042	Technical Writers	557	576	19	3.4%	\$54,740	\$77,850	\$77,490	\$98,550	15	35	10	60	Bachelor's degree	Less than 5 years	Short-term on-the-job training
27-3043	Writers and Authors	2,294	2,340	46	2.0%	\$48,730	\$66,870	\$55,980	\$67,450	93	128	23	244	Bachelor's degree	None	Long-term on-the-job training
27-3091	Interpreters and Translators	647	672	25	3.9%	\$38,590	\$47,550	\$47,590	\$50,040	26	36	12	74	Bachelor's degree	None	None
27-3092	Court Reporters and Simultaneous Captioners	245	238	-7	-2.9%	\$61,580	\$60,110	\$61,580	\$61,580	9	14	-4	19	Postsecondary non-degree award	None	Short-term on-the-job training
27-3099	Media and Communication Workers, All Other	403	425	22	5.5%	\$38,770	\$60,310	\$47,780	\$77,700	16	22	11	49	High school diploma or equivalent	None	Short-term on-the-job training
27-4011	Audio and Video Technicians	1,265	1,319	54	4.3%	\$38,610	\$65,270	\$54,310	\$67,760	34	94	27	155	Postsecondary non-degree award	None	Short-term on-the-job training
27-4012	Broadcast Technicians	369	375	6	1.6%	\$21,920	\$42,260	\$31,820	\$60,890	10	27	3	40	Associate's degree	None	Short-term on-the-job training
27-4014	Sound Engineering Technicians	n/a	n/a	n/a	n/a	\$38,770	\$57,810	\$48,790	\$59,920	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	Short-term on-the-job training
27-4015	Lighting Technicians	n/a	n/a	n/a	n/a	\$30,470	\$53,400	\$46,910	\$61,000	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	Short-term on-the-job training
27-4021	Photographers	2,285	2,367	82	3.6%	\$25,670	\$36,140	\$32,810	\$42,110	78	130	41	249	High school diploma or equivalent	None	Moderate-term on-the-job training
27-4031	Camera Operators, Television, Video, and Film	228	234	6	2.6%	\$48,860	\$57,650	\$61,200	\$74,090	8	14	3	25	Bachelor's degree	None	None
27-4032	Film and Video Editors	264	273	9	3.4%	\$30,640	\$47,810	\$43,170	\$55,230	8	16	4	28	Bachelor's degree	None	None
27-4099	Media and Communication Equipment Workers, All Other	47	49	2	4.3%	\$49,300	\$75,760	\$61,610	\$105,480	0	0	1	1	High school diploma or equivalent	None	Short-term on-the-job training
29-0000	Healthcare Practitioners and Technical Occupations	199,205	203,144	3,939	2.0%	\$46,740	\$78,670	\$60,820	\$79,170	4,596	5,241	1,970	11,807			
29-1011	Chiropractors	1,294	1,310	16	1.2%	\$60,390	\$88,030	\$61,800	\$98,990	19	10	8	37	Doctoral or professional degree	None	None
29-1021	Dentists, General	2,087	2,098	11	0.5%	\$111,950	\$167,240	\$162,650	\$198,690	38	18	6	62	Doctoral or professional degree	None	None
29-1022	Oral and Maxillofacial Surgeons	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1023	Orthodontists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1024	Prosthodontists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1029	Dentists, All Other Specialists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1031	Dietitians and Nutritionists	1,760	1,789	29	1.7%	\$47,110	\$55,860	\$48,980	\$61,940	58	62	14	134	Bachelor's degree	None	Internship/residency
29-1041	Optometrists	1,029	1,042	13	1.3%	\$91,680	\$137,780	\$126,000	\$157,100	18	12	6	36	Doctoral or professional degree	None	None
29-1051	Pharmacists	7,509	7,577	68	0.9%	\$120,570	\$121,870	\$128,410	\$136,540	139	145	34	318	Doctoral or professional degree	None	None
29-1071	Physician Assistants	1,617	1,701	84	5.2%	\$63,160	\$95,280	\$99,510	\$121,010	26	66	42	134	Master's degree	None	None
29-1081	Podiatrists	136	135	-1	-0.7%	\$82,480	\$147,990	\$102,180	n/a	4	6	0	10	Doctoral or professional degree	None	Internship/residency
29-1122	Occupational Therapists	2,459	2,533	74	3.0%	\$61,340	\$78,990	\$78,440	\$97,410	54	82	37	173	Master's degree	None	None
29-1123	Physical Therapists	5,145	5,327	182	3.5%	\$71,170	\$84,230	\$79,050	\$98,870	104	108	91	303	Doctoral or professional degree	None	None
29-1124	Radiation Therapists	533	543	10	1.9%	\$61,650	\$79,720	\$76,710	\$87,840	10	17	5	32	Associate's degree	None	None
29-1125	Recreational Therapists	304	306	2	0.7%	\$36,930	\$49,260	\$46,690	\$49,890	10	14	1	25	Bachelor's degree	None	None
29-1126	Respiratory Therapists	3,402	3,567	165	4.9%	\$48,270	\$59,900	\$60,040	\$63,320	74	88	82	244	Associate's degree	None	None
29-1127	Speech-Language Pathologists	2,486	2,618	132	5.3%	\$58,870	\$75,040	\$76,680	\$95,590	60	92	66	218	Master's degree	None	Internship/residency
29-1128	Exercise Physiologists	269	276	7	2.6%	\$46,440	\$50,880	\$46,950	\$49,180	8	10	4	22	Bachelor's degree	None	None
29-1129	Therapists, All Other	639	656	17	2.7%	\$42,590	\$52,150	\$47,730	\$60,550	20	22	8	50	Bachelor's degree	None	None
29-1131	Veterinarians	1,954	2,029	75	3.8%	\$62,540	\$83,830	\$79,980	\$100,070	32	31	38	101	Doctoral or professional degree	None	None
29-1141	Registered Nurses	73,621	74,863	1,242	1.7%	\$59,580	\$67,790	\$61,920	\$77,450	1,981	1,868	621	4,470	Bachelor's degree	None	None
29-1151	Nurse Anesthetists	1,978	2,018	40	2.0%	\$154,260	\$192,320	\$169,000	n/a	39	60	20	119	Master's degree	None	None
29-1161	Nurse Midwives	90	91	1	1.1%	\$42,400	\$88,970	\$98,580	\$121,010	2	3	0	5	Master's degree	None	None
29-1171	Nurse Practitioners	7,422	8,026	604	8.1%	\$95,830	\$103,490	\$101,180	\$121,070	161	242	302	705	Master's degree	None	None
29-1181	Audiologists	171	176	5	2.9%	\$74,710	\$76,560	\$75,040	\$80,200	4	4	2	10	Doctoral or professional degree	None	None
29-1211	Anesthesiologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1212	Cardiologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1213	Dermatologists	193	197	4	2.1%	\$207,900	\$308,360	n/a	n/a	0	0	2	2	Doctoral or professional degree	None	Internship/residency
29-1214	Emergency Medicine Physicians	161	165	4	2.5%	\$24,140	\$249,360	n/a	n/a	0	0	2	2	Doctoral or professional degree	None	Internship/residency
29-1215	Family Medicine Physicians	5,851	5,892	41	0.7%	\$62,240	\$203,740	\$192,790	n/a	94	66	20	180	Doctoral or professional degree	None	Internship/residency
29-1216	General Internal Medicine Physicians	n/a	n/a	n/a	n/a	n/a	\$340,150	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1217	Neurologists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1218	Obstetricians and Gynecologists	n/a	n/a	n/a	n/a	\$166,170	\$252,610	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1221	Pediatricians, General	378	381	3	0.8%	\$62,770	\$140,410	\$80,060	\$195,550	6	4	2	12	Doctoral or professional degree	None	Internship/residency
29-1222	Physicians, Pathologists	n/a	n/a	n/a	n/a	n/a	\$238,240	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1223	Psychiatrists	456	464	8	1.8%	n/a	\$324,840	n/a	n/a	8	5	4	17	Doctoral or professional degree	None	Internship/residency
29-1224	Radiologists	n/a	n/a	n/a	n/a	n/a	\$350,670	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1229	Physicians, All Other	1,340	1,347	7	0.5%	n/a	\$283,520	n/a	n/a	0	0	4	4	Doctoral or professional degree	None	Internship/residency
29-1241	Ophthalmologists, Except Pediatric	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1242	Orthopedic Surgeons, Except Pediatric	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1243	Pediatric Surgeons	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1249	Surgeons, All Other	n/a	n/a	n/a	n/a	\$145,400	\$337,390	n/a	n/a	n/a	n/a	n/a	n/a	Doctoral or professional degree	None	Internship/residency
29-1291	Acupuncturists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Master's degree	None	None
29-1292	Dental Hygienists	2,820	2,844	24	0.9%	\$66,100	\$74,230	\$76,930	\$81,220	102	71	12	185	Associate's degree	None	None
29-1299	Healthcare Diagnosing or Treating Practitioners, All Other	237	238	1	0.4%	\$67,480	\$80,270	\$73,260	\$90,400	0	0	0	0	Master's degree	None	None
29-2010	Clinical Laboratory Technologists and Technicians	8,962	9,121	159	1.8%	\$36,540	\$50,260	\$47,040	\$60,790	234	336	80	650	Bachelor's degree	None	None
29-2031	Cardiovascular Technologists and Technicians	1,039	1,059	20	1.9%	\$36,900	\$56,830	\$58,690	\$74,950	28	45	10	83	Associate's degree	None	None
29-2032	Diagnostic Medical Sonographers	1,306	1,352	46	3.5%	\$64,110	\$75,220	\$75,040	\$80,090	36	57	23	116	Associate's degree	None	None
29-2033	Nuclear Medicine Technologists	384	390	6	1.6%	\$73,690	\$79,080	\$77,450	\$94,800	10	16	3	29	Associate's degree	None	None
29-2034	Radiologic Technologists and Technicians	4,147	4,217	70	1.7%	\$47,040	\$57,910	\$59,320	\$63,190	114	180	35	329	Associate's degree	None	None
29-2035	Magnetic Resonance Imaging Technologists	1,002	1,017	15	1.5%	\$60,550	\$70,100	\$75,000	\$76,730	28	44	8	80	Associate's degree	Less than 5 years	None
29-2036	Medical Dosimetrists	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Bachelor's degree	None	None
29-2042	Emergency Medical Technicians	3,018	3,072	54	1.8%	\$28,460	\$33,560	\$29,110	\$36,500	0	0	27	27	Postsecondary non-degree award	None	None
29-2043	Paramedics	2,588	2,632	44	1.7%	\$36,750	\$43,510	\$45,570	\$47,210	0	0	22	22	Postsecondary non-degree award	Less than 5 years	None
29-2051	Dietetic Technicians	372	370	-2	-0.5%	\$22,580	\$27,510	\$25,740	\$28,970	10	16	-1	25	Associate's degree	None	None
29-2052	Pharmacy Technicians	10,289	10,535	246	2.4%	\$28,820	\$33,920	\$32,050	\$36,980	284	448	123	855	High school diploma or equivalent	None	Moderate-term on-the-job training
29-2053	Psychiatric Technicians	2,948	3,000	52	1.8%	\$28,820	\$32,140	\$29,310	\$36,360	81	128	26	235	Postsecondary non-degree award	Less than 5 years	Short-term on-the-job training
29-2055	Surgical Technologists	1,692	1,724	32	1.9%	\$37,530	\$48,150	\$46,690	\$58,290	46	74	16	136	Postsecondary non-degree award	None	None
29-2056	Veterinary Technologists and Technicians	1,600	1,659	59	3.7%	\$28,320	\$33,240	\$32,170	\$36,910	44	70	30	144	Associate's degree	None	None
29-2057	Ophthalmic Medical Technicians	910	928	18	2.0%	\$28,330	\$33,070	\$29,460	\$36,960	25	40	9	74	Postsecondary non-degree award	None	None
29-2061	Licensed Practical and Licensed Vocational Nurses	13,871	13,831	-40	-0.3%	\$37,580	\$46,010	\$46,520	\$48,800	467	578	-20	1,025	Postsecondary non-degree award	None	None
29-2072	Medical Records Specialists	4,902	5,020	118	2.4%	\$36,750	\$46,990	\$46,520	\$53,980	0	0	59	59	Postsecondary non-degree award	None	None
29-2081	Opticians, Dispensing	1,571	1,596	25	1.6%	\$28,990	\$35,840	\$31,440	\$37,710	66	54	12	132	High school diploma or equivalent	None	Long-term on-the-job training
29-2091	Orthotists and Prosthetists	164	168	4	2.4%	\$53,840	\$126,490	\$77,630	\$174,930	4	7	2	13	Master's degree	None	Internship/residency
29-2092	Hearing Aid Specialists															

35-9099	Food Preparation and Serving Related Workers, All Other	1,373	1,383	10	0.7%	\$23,610	\$28,340	\$29,370	\$30,460	119	120	5	244	No formal educational credential	None	Short-term on-the-job training
37-0000	Building and Grounds Cleaning and Maintenance Occupations	104,730	106,570	1,840	1.8%	\$23,890	\$31,250	\$28,980	\$35,530	6,018	7,704	920	14,642			
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	4,586	4,643	57	1.2%	\$30,370	\$40,830	\$37,760	\$48,690	198	319	28	545	High school diploma or equivalent	Less than 5 years	None
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping	2,771	2,796	25	0.9%	\$38,480	\$51,160	\$47,750	\$59,670	86	200	12	298	High school diploma or equivalent	Less than 5 years	None
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	45,155	45,963	808	1.8%	\$23,800	\$29,920	\$28,690	\$33,160	2,844	3,193	404	6,441	No formal educational credential	None	Short-term on-the-job training
37-2012	Maids and Housekeeping Cleaners	25,787	26,196	409	1.6%	\$22,830	\$26,650	\$25,420	\$28,870	1,766	1,672	204	3,642	No formal educational credential	None	Short-term on-the-job training
37-2019	Building Cleaning Workers, All Other	135	137	2	1.5%	n/a	n/a	n/a	n/a	8	10	1	19	No formal educational credential	None	Short-term on-the-job training
37-2021	Pest Control Workers	1,623	1,673	50	3.1%	\$29,090	\$40,720	\$36,170	\$46,220	44	173	25	242	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3011	Landscaping and Groundskeeping Workers	21,423	21,843	420	2.0%	\$28,410	\$33,010	\$30,790	\$36,800	930	1,855	210	2,995	No formal educational credential	None	Short-term on-the-job training
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	600	612	12	2.0%	\$28,620	\$35,310	\$35,630	\$38,230	26	52	6	84	High school diploma or equivalent	None	Moderate-term on-the-job training
37-3013	Tree Trimmers and Pruners	1,804	1,844	40	2.2%	\$38,090	\$47,170	\$48,170	\$51,120	78	156	20	254	High school diploma or equivalent	None	Short-term on-the-job training
37-3019	Grounds Maintenance Workers, All Other	846	863	17	2.0%	\$32,420	\$36,140	\$32,420	\$37,270	37	74	8	119	No formal educational credential	None	Short-term on-the-job training
39-0000	Personal Care and Service Occupations	80,661	82,860	2,199	2.7%	\$22,840	\$31,060	\$26,720	\$34,460	5,083	6,203	1,100	12,386			
39-1013	First-Line Supervisors of Gambling Services Workers	452	465	13	2.9%	\$46,190	\$51,570	\$47,780	\$60,770	16	32	6	54	High school diploma or equivalent	Less than 5 years	None
39-1014	First-line Supervisors of Entertainment And Recreation Workers, Except C	2,466	2,528	62	2.5%	\$29,680	\$41,450	\$37,100	\$47,590	0	0	31	31	High school diploma or equivalent	Less than 5 years	None
39-1022	First-line Supervisors of Personal Service Workers	953	973	20	2.1%	\$31,270	\$41,990	\$40,950	\$48,090	0	0	10	10	High school diploma or equivalent	Less than 5 years	None
39-2011	Animal Trainers	564	585	21	3.7%	\$26,020	\$31,910	\$28,800	\$34,680	27	42	10	79	High school diploma or equivalent	None	Moderate-term on-the-job training
39-2021	Animal Caretakers	10,583	11,078	495	4.7%	\$23,100	\$28,300	\$26,530	\$29,000	695	899	248	1,842	High school diploma or equivalent	None	Short-term on-the-job training
39-3011	Gambling Dealers	1,077	1,114	37	3.4%	\$21,420	\$26,520	\$21,420	\$23,260	60	99	18	177	High school diploma or equivalent	None	Short-term on-the-job training
39-3012	Gambling and Sports Book Writers and Runners	130	133	3	2.3%	\$29,340	\$32,550	\$29,340	\$37,190	7	12	2	21	High school diploma or equivalent	None	Short-term on-the-job training
39-3019	Gambling Service Workers, All Other	43	45	2	4.7%	\$28,080	\$31,290	\$29,150	\$30,100	2	4	1	7	High school diploma or equivalent	None	Short-term on-the-job training
39-3021	Motion Picture Projectionists	178	193	15	8.4%	\$22,630	\$25,390	\$26,010	\$26,280	18	21	8	47	No formal educational credential	None	Short-term on-the-job training
39-3031	Ushers, Lobby Attendants, and Ticket Takers	2,666	2,863	197	7.4%	\$22,330	\$26,350	\$24,540	\$28,080	350	282	98	730	No formal educational credential	None	Short-term on-the-job training
39-3091	Amusement and Recreation Attendants	4,368	4,492	124	2.8%	\$22,320	\$22,750	\$22,750	\$23,800	432	496	62	990	No formal educational credential	None	Short-term on-the-job training
39-3092	Costume Attendants	83	88	5	6.0%	\$31,270	\$49,440	\$39,420	\$69,510	8	10	2	20	High school diploma or equivalent	None	Short-term on-the-job training
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	724	740	16	2.2%	\$22,780	\$27,720	\$25,630	\$29,260	72	82	8	162	High school diploma or equivalent	None	Short-term on-the-job training
39-3099	Entertainment Attendants and Related Workers, All Other	187	187	0	0.0%	\$24,770	\$35,610	\$37,130	\$46,630	18	21	0	39	High school diploma or equivalent	None	Short-term on-the-job training
39-4011	Embalmers	n/a	n/a	n/a	n/a	\$49,810	\$70,540	\$58,530	\$96,230	n/a	n/a	n/a	n/a	Associate's degree	None	Long-term on-the-job training
39-4012	Crematory Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
39-4021	Funeral Attendants	1,018	990	-28	-2.8%	\$29,030	\$36,190	\$30,600	\$34,230	56	76	-14	118	High school diploma or equivalent	None	Short-term on-the-job training
39-4031	Morticians, Undertakers, and Funeral Arrangers	862	834	-28	-3.3%	\$37,020	\$57,450	\$47,830	\$63,310	40	58	-14	84	Associate's degree	None	Long-term on-the-job training
39-5011	Barbers	n/a	n/a	n/a	n/a	\$23,050	\$37,430	\$28,740	\$56,820	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None
39-5012	Hairdressers, Hairstylists, and Cosmetologists	9,892	10,089	197	2.0%	\$23,490	\$30,410	\$30,030	\$46,160	529	555	98	1,182	Postsecondary non-degree award	None	None
39-5092	Manicurists and Pedicurists	1,398	1,441	43	3.1%	\$22,810	\$30,420	\$28,290	\$36,160	72	75	22	169	Postsecondary non-degree award	None	None
39-5094	Skincare Specialists	n/a	n/a	n/a	n/a	\$26,730	\$34,370	\$29,820	\$34,730	n/a	n/a	n/a	n/a	Postsecondary non-degree award	None	None
39-6011	Baggage Porters and Bellhops	478	493	15	3.1%	\$21,790	\$24,020	\$22,760	\$23,330	25	37	8	70	High school diploma or equivalent	None	Short-term on-the-job training
39-6012	Concierges	374	389	15	4.0%	\$23,100	\$24,760	\$23,220	\$24,160	20	29	8	57	High school diploma or equivalent	None	Moderate-term on-the-job training
39-7010	Tour and Travel Guides	898	921	23	2.6%	\$22,760	\$32,020	\$27,880	\$41,620	58	85	12	155	High school diploma or equivalent	None	Moderate-term on-the-job training
39-9011	Childcare Workers	21,636	21,881	245	1.1%	\$22,380	\$25,810	\$24,360	\$27,510	1,464	1,520	122	3,106	High school diploma or equivalent	None	Short-term on-the-job training
39-9031	Exercise Trainers and Group Fitness Instructors	7,940	7,940	436	5.5%	\$25,670	\$39,060	\$34,520	\$48,270	452	733	218	1,403	High school diploma or equivalent	None	Short-term on-the-job training
39-9032	Recreation Workers	8,550	8,764	214	2.5%	\$23,030	\$29,290	\$27,970	\$32,820	507	822	107	1,436	High school diploma or equivalent	None	Short-term on-the-job training
39-9041	Residential Advisors	1,056	1,058	2	0.2%	\$23,390	\$31,040	\$28,810	\$36,590	54	95	1	150	High school diploma or equivalent	None	Short-term on-the-job training
39-9099	Personal Care and Service Workers, All Other	407	413	6	1.5%	\$23,180	\$27,510	\$26,170	\$30,100	0	0	3	3	High school diploma or equivalent	None	Short-term on-the-job training
41-0000	Sales and Related Occupations	273,086	274,663	1,577	0.6%	\$23,440	\$41,190	\$29,020	\$47,060	14,320	21,815	788	36,923			
41-1011	First-Line Supervisors of Retail Sales Workers	29,462	29,363	-99	-0.3%	\$29,780	\$43,650	\$37,780	\$47,940	1,040	2,038	-50	3,028	High school diploma or equivalent	Less than 5 years	None
41-1012	First-Line Supervisors of Non-Retail Sales Workers	6,857	6,842	-15	-0.2%	\$58,740	\$86,430	\$77,450	\$101,470	198	407	-8	597	High school diploma or equivalent	Less than 5 years	None
41-2011	Cashiers	68,358	68,079	-279	-0.4%	\$22,520	\$25,240	\$23,310	\$27,260	5,804	6,531	-140	12,195	No formal educational credential	None	Short-term on-the-job training
41-2012	Gambling Change Persons and Booth Cashiers	192	195	3	1.6%	\$23,620	\$32,620	\$29,080	\$36,290	16	18	2	36	No formal educational credential	None	Short-term on-the-job training
41-2021	Counter and Rental Clerks	5,297	5,429	132	2.5%	\$25,800	\$33,680	\$29,350	\$37,370	240	368	66	674	No formal educational credential	None	Short-term on-the-job training
41-2022	Parts Salespersons	6,229	6,342	113	1.8%	\$27,660	\$38,260	\$35,360	\$45,800	265	481	56	802	No formal educational credential	None	Moderate-term on-the-job training
41-2031	Retail Salespersons	70,241	70,440	199	0.3%	\$23,280	\$31,220	\$27,330	\$30,090	3,932	5,810	100	9,842	No formal educational credential	None	Short-term on-the-job training
41-3011	Advertising Sales Agents	2,704	2,704	0	0.0%	\$30,190	\$49,320	\$45,220	\$60,930	82	252	0	334	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3021	Insurance Sales Agents	12,813	13,193	380	3.0%	\$38,090	\$63,040	\$48,360	\$77,710	433	728	190	1,351	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3031	Securities, Commodities, and Financial Services Sales Agents	7,164	7,335	171	2.4%	\$47,630	\$72,950	\$60,280	\$81,050	160	457	86	703	Bachelor's degree	None	Moderate-term on-the-job training
41-3041	Travel Agents	889	909	20	2.3%	\$35,420	\$49,000	\$44,700	\$61,080	44	60	10	114	High school diploma or equivalent	None	Moderate-term on-the-job training
41-3091	Sales Representatives of Services, Except Advertising, Insurance, Financia	17,214	17,527	313	1.8%	\$38,040	\$61,840	\$48,810	\$72,400	436	1,528	156	2,120	High school diploma or equivalent	None	Moderate-term on-the-job training
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scier	4,994	5,088	94	1.9%	\$49,910	\$97,620	\$91,120	\$131,950	149	340	47	536	Bachelor's degree	None	Moderate-term on-the-job training
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical ar	22,505	22,842	337	1.5%	\$40,610	\$67,230	\$60,110	\$78,690	670	1,532	168	2,370	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9011	Demonstrators and Product Promoters	n/a	n/a	n/a	n/a	\$22,400	\$25,160	\$23,870	\$24,530	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
41-9012	Models	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	None
41-9021	Real Estate Brokers	1,348	1,387	39	2.9%	\$28,900	\$51,520	\$44,480	\$59,930	57	60	20	137	High school diploma or equivalent	Less than 5 years	None
41-9022	Real Estate Sales Agents	5,227	5,380	153	2.9%	\$34,430	\$57,790	\$48,590	\$83,160	220	233	76	529	High school diploma or equivalent	None	Moderate-term on-the-job training
41-9031	Sales Engineers	770	784	14	1.8%	\$62,610	\$92,920	\$90,690	\$127,290	16	64	7	87	Bachelor's degree	None	Moderate-term on-the-job training
41-9041	Telemarketers	2,814	2,742	-72	-2.6%	\$23,660	\$29,880	\$28,340	\$33,480	128	284	-36	376	No formal educational credential	None	Short-term on-the-job training
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Wor	910	867	-43	-4.7%	\$22,740	\$49,330	\$29,830	\$37,560	65	48	-22	91	No formal educational credential	None	Short-term on-the-job training
41-9099	Sales and Related Workers, All Other	6,514	6,651	137	2.1%	\$23,510	\$29,590	\$28,350	\$29,570	300	540	68	908	High school diploma or equivalent	None	None
43-0000	Office and Administrative Support Occupations	425,047	424,697	-350	-0.1%	\$29,200	\$40,560	\$36,890	\$46,990	20,124	26,032	-175	45,981			
43-1011	First-Line Supervisors of Office and Administrative Support Workers	31,341	31,545	204	0.7%	\$44,550	\$61,260	\$58,330	\$75,980	1,167	1,922	102	3,191	High school diploma or equivalent	Less than 5 years	None
43-2011	Switchboard Operators, Including Answering Service	1,501	1,439	-62	-4.1%	\$28,920	\$31,560	\$29,000	\$33,290	76	86	-31	131	High school diploma or equivalent	None	Short-term on-the-job training
43-2021	Telephone Operators	n/a	n/a	n/a	n/a	\$30,130	\$37,370	\$36,920	\$46,950	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
43-2099	Communications Equipment Operators, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
43-3011	Bill and Account Collectors	6,281	6,234	-47	-0.8%	\$29,160	\$37,600	\$36,220	\$44,530	230	444	-24	650	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3021	Billing and Posting Clerks	8,054	8,109	55	0.7%	\$32,730	\$40,400	\$37,700	\$46,960	332	496	28	856	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3031	Bookkeeping, Accounting, and Auditing Clerks	31,163	31,208	45	0.1%	\$34,310	\$43,820	\$41,240	\$48,150	1,828	1,592	22	3,442	Some college, no degree	None	Moderate-term on-the-job training
43-3041	Gambling Cage Workers	241	246	5	2.1%	\$21,890	\$28,070	\$28,360	\$29,300	8	17	2	27	High school diploma or equivalent	None	Short-term on-the-job training
43-3051	Payroll and Timekeeping Clerks	2,697	2,658	-39	-1.5%	\$37,180	\$46,090	\$45,090	\$53,640	127	146	-20	253	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3061	Procurement Clerks	1,112	1,101	-11	-1.0%	\$37,180	\$44,310	\$44,030	\$48,050	30	70	-6	94	High school diploma or equivalent	None	Moderate-term on-the-job training
43-3071	Tellers	10,001	9,865	-136	-1.4%											

47-2061	Construction Laborers	21,291	22,016	725	3.4%	\$35,570	\$50,270	\$45,550	\$63,020	640	1,462	362	2,464	No formal educational credential	None	Short-term on-the-job training
47-2071	Paving, Surfacing, and Tamping Equipment Operators	1,233	1,279	46	3.7%	\$40,970	\$53,140	\$48,880	\$63,100	41	90	23	154	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2072	Pile Driver Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2073	Operating Engineers and Other Construction Equipment Operators	8,353	8,617	264	3.2%	\$44,090	\$61,280	\$61,350	\$77,000	278	608	132	1,018	High school diploma or equivalent	None	Moderate-term on-the-job training
47-2081	Drywall and Ceiling Tile Installers	1,596	1,652	56	3.5%	\$36,980	\$50,710	\$46,250	\$60,300	40	92	28	160	No formal educational credential	None	Moderate-term on-the-job training
47-2082	Tapers	251	259	8	3.2%	\$72,580	\$71,630	\$76,920	\$80,990	6	14	4	24	No formal educational credential	None	Moderate-term on-the-job training
47-2111	Electricians	13,151	13,699	548	4.2%	\$46,100	\$61,600	\$60,210	\$77,850	390	986	274	1,650	High school diploma or equivalent	None	Apprenticeship
47-2121	Glaziers	743	764	21	2.8%	\$43,180	\$58,140	\$57,750	\$70,110	20	58	10	88	High school diploma or equivalent	None	Apprenticeship
47-2131	Insulation Workers, Floor, Ceiling, and Wall	444	460	16	3.6%	\$32,500	\$50,820	\$39,120	\$77,170	10	31	8	49	No formal educational credential	None	Short-term on-the-job training
47-2132	Insulation Workers, Mechanical	507	527	20	3.9%	\$37,370	\$50,460	\$47,550	\$61,290	12	35	10	57	High school diploma or equivalent	None	Apprenticeship
47-2141	Painters, Construction and Maintenance	6,425	6,616	191	3.0%	\$41,890	\$54,160	\$49,290	\$63,010	197	362	96	655	No formal educational credential	None	Moderate-term on-the-job training
47-2142	Paperhangers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Long-term on-the-job training
47-2151	Pipelayers	121	122	1	0.8%	\$46,280	\$58,750	\$57,990	\$64,620	4	8	0	12	No formal educational credential	None	Short-term on-the-job training
47-2152	Plumbers, Pipefitters, and Steamfitters	10,844	11,208	364	3.4%	\$45,170	\$62,080	\$54,550	\$79,780	322	793	182	1,297	High school diploma or equivalent	None	Apprenticeship
47-2161	Plasterers and Stucco Masons	144	150	6	4.2%	\$37,840	\$45,500	\$42,350	\$53,280	4	8	3	15	No formal educational credential	None	Long-term on-the-job training
47-2171	Reinforcing Iron and Rebar Workers	n/a	n/a	n/a	n/a	\$64,090	\$67,560	\$70,220	\$76,560	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship
47-2181	Roofers	2,674	2,768	94	3.5%	\$36,750	\$50,320	\$46,660	\$62,770	68	190	47	305	No formal educational credential	None	Moderate-term on-the-job training
47-2211	Sheet Metal Workers	3,590	3,700	110	3.1%	\$42,060	\$64,070	\$62,140	\$80,320	99	236	55	390	High school diploma or equivalent	None	Apprenticeship
47-2221	Structural Iron and Steel Workers	873	895	22	2.5%	\$40,820	\$57,350	\$55,020	\$76,920	23	68	11	102	High school diploma or equivalent	None	Apprenticeship
47-2231	Solar Photovoltaic Installers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-3011	Helpers—Brickmasons, Blockmasons, Stonemasons, and Tile and Marble S	417	426	9	2.2%	\$43,180	\$55,470	\$58,640	\$63,910	12	37	4	53	No formal educational credential	None	Short-term on-the-job training
47-3012	Helpers—Carpenters	n/a	n/a	n/a	n/a	\$29,460	\$29,980	\$29,460	\$31,050	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-3013	Helpers—Electricians	96	98	2	2.1%	\$37,500	\$42,200	\$37,880	\$42,450	3	8	1	12	High school diploma or equivalent	None	Short-term on-the-job training
47-3014	Helpers—Painters, Paperhangers, Plasterers, and Stucco Masons	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-3015	Helpers—Pipelayers, Plumbers, Pipefitters, and Steamfitters	221	229	8	3.6%	\$32,140	\$40,680	\$34,420	\$51,720	6	20	4	30	High school diploma or equivalent	None	Short-term on-the-job training
47-3016	Helpers—Roofers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-3019	Helpers, Construction Trades, All Other	225	233	8	3.6%	\$36,780	\$38,880	\$37,560	\$41,410	6	20	4	30	No formal educational credential	None	Short-term on-the-job training
47-4011	Construction and Building Inspectors	1,945	1,910	-35	-1.8%	\$47,100	\$57,370	\$53,610	\$61,780	105	116	-18	203	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training
47-4021	Elevator and Escalator Installers and Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Apprenticeship
47-4031	Fence Erectors	820	851	31	3.8%	\$29,170	\$39,110	\$33,070	\$42,340	20	63	16	99	No formal educational credential	None	Moderate-term on-the-job training
47-4041	Hazardous Materials Removal Workers	n/a	n/a	n/a	n/a	\$37,520	\$49,140	\$48,040	\$60,500	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4051	Highway Maintenance Workers	2,681	2,734	53	2.0%	\$29,550	\$36,850	\$36,990	\$42,660	106	170	26	302	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4061	Rail-Track Laying and Maintenance Equipment Operators	725	716	-9	-1.2%	\$60,950	\$65,610	\$62,870	\$77,840	12	50	-4	58	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4071	Septic Tank Servicers and Sewer Pipe Cleaners	315	322	7	2.2%	\$37,170	\$51,510	\$47,260	\$66,900	10	26	4	48	High school diploma or equivalent	None	Moderate-term on-the-job training
47-4090	Miscellaneous Construction and Related Workers	477	469	-8	-1.7%	\$36,760	\$39,320	\$37,140	\$38,400	15	39	-4	50	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5011	Derrick Operators, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-5012	Rotary Drill Operators, Oil and Gas	n/a	n/a	n/a	n/a	\$67,440	\$68,750	\$75,150	\$75,940	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5013	Service Unit Operators, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5022	Excavating and Loading Machine and Dragline Operators, Surface Mining	785	786	1	0.1%	\$35,990	\$40,820	\$41,970	\$46,690	24	68	0	92	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
47-5023	Earth Drillers, Except Oil and Gas	285	291	6	2.1%	\$36,560	\$43,310	\$40,730	\$46,930	0	0	3	3	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
47-5032	Explosives Workers, Ordnance Handling Experts, and Blasters	n/a	n/a	n/a	n/a	\$42,860	\$57,300	\$49,720	\$75,930	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Long-term on-the-job training
47-5041	Continuous Mining Machine Operators	311	310	-1	-0.3%	\$43,020	\$49,890	\$47,920	\$56,800	10	26	0	36	No formal educational credential	None	Moderate-term on-the-job training
47-5043	Roof Bolters, Mining	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5044	Loading and Moving Machine Operators, Underground Mining	n/a	n/a	n/a	n/a	\$47,420	\$45,350	\$47,420	\$47,630	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
47-5049	Underground Mining Machine Operators, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5051	Rock Splitters, Quarry	309	309	0	0.0%	\$32,160	\$37,810	\$33,750	\$46,240	10	26	0	36	No formal educational credential	None	Short-term on-the-job training
47-5071	Roustabouts, Oil and Gas	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	No formal educational credential	None	Moderate-term on-the-job training
47-5081	Helpers—Extraction Workers	65	68	3	4.6%	\$29,380	\$34,780	\$32,700	\$37,170	2	6	2	10	High school diploma or equivalent	None	Moderate-term on-the-job training
47-5099	Extraction Workers, All Other	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
49-0000	Installation, Maintenance, and Repair Occupations	133,731	136,367	2,636	2.0%	\$36,390	\$50,370	\$47,010	\$60,510	4,228	8,560	1,318	14,106			
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	11,850	12,092	242	2.0%	\$47,580	\$67,340	\$60,990	\$79,310	347	712	121	1,180	High school diploma or equivalent	Less than 5 years	None
49-2011	Computer, Automated Teller, and Office Machine Repairers	2,260	2,282	22	1.0%	\$34,950	\$41,870	\$37,920	\$46,910	68	172	11	251	Some college, no degree	None	Short-term on-the-job training
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairers	425	442	17	4.0%	\$37,140	\$49,620	\$45,910	\$61,340	15	33	8	56	Associate's degree	None	Moderate-term on-the-job training
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Inst.	3,743	3,672	-71	-1.9%	\$47,520	\$57,950	\$60,110	\$65,650	129	284	-36	377	Postsecondary non-degree award	None	Moderate-term on-the-job training
49-2091	Avionics Technicians	329	342	13	4.0%	\$62,770	\$73,400	\$77,800	\$79,910	8	15	6	29	Associate's degree	None	None
49-2092	Electric Motor, Power Tool, and Related Repairers	405	407	2	0.5%	\$37,290	\$50,500	\$49,200	\$61,430	15	24	1	40	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
49-2093	Electrical and Electronics Installers and Repairers, Transportation Equipm	293	296	3	1.0%	\$47,040	\$62,220	\$60,380	\$80,690	8	14	2	24	Postsecondary non-degree award	None	Long-term on-the-job training
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipmen	562	575	13	2.3%	\$29,930	\$50,600	\$45,090	\$68,000	16	28	6	50	Postsecondary non-degree award	None	Long-term on-the-job training
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	228	225	-3	-1.3%	\$76,000	\$86,730	\$92,120	\$100,930	6	11	-2	15	Postsecondary non-degree award	None	Moderate-term on-the-job training
49-2096	Electronic Equipment Installers and Repairers, Motor Vehicles	307	311	4	1.3%	\$31,980	\$40,680	\$37,260	\$47,400	8	16	2	26	High school diploma or equivalent	None	Moderate-term on-the-job training
49-2097	Audiovisual Equipment Installers and Repairers	1,092	1,110	18	1.7%	\$36,270	\$46,550	\$45,550	\$52,640	36	80	9	125	Postsecondary non-degree award	None	Short-term on-the-job training
49-2098	Security and Fire Alarm Systems Installers	1,245	1,294	49	3.9%	\$36,910	\$52,120	\$51,720	\$69,540	30	98	24	152	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3011	Aircraft Mechanics and Service Technicians	2,259	2,307	48	2.1%	\$47,930	\$68,020	\$71,180	\$80,330	66	120	24	210	Postsecondary non-degree award	None	None
49-3021	Automotive Body and Related Repairers	4,316	4,422	106	2.5%	\$37,650	\$50,460	\$47,590	\$59,770	138	260	53	451	High school diploma or equivalent	None	Long-term on-the-job training
49-3022	Automotive Glass Installers and Repairers	n/a	n/a	n/a	n/a	\$37,480	\$43,930	\$46,700	\$47,120	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3023	Automotive Service Technicians and Mechanics	17,728	17,882	154	0.9%	\$29,310	\$41,950	\$37,500	\$48,800	529	1,208	77	1,814	Postsecondary non-degree award	None	Short-term on-the-job training
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	8,305	8,464	159	1.9%	\$37,710	\$49,080	\$47,120	\$57,050	238	520	80	841	High school diploma or equivalent	None	Long-term on-the-job training
49-3041	Farm Equipment Mechanics and Service Technicians	1,551	1,601	50	3.2%	\$37,030	\$47,490	\$46,480	\$58,390	47	106	25	178	High school diploma or equivalent	None	Long-term on-the-job training
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	3,295	3,435	140	4.3%	\$46,070	\$54,750	\$55,100	\$64,470	100	228	70	398	High school diploma or equivalent	None	Long-term on-the-job training
49-3043	Rail Car Repairers	455	451	-4	-0.9%	\$37,580	\$64,130	\$80,690	\$80,830	14	30	-2	42	High school diploma or equivalent	None	Long-term on-the-job training
49-3051	Motorboat Mechanics and Service Technicians	356	363	7	2.0%	\$29,860	\$41,130	\$37,650	\$47,800	16	24	4	44	High school diploma or equivalent	None	Long-term on-the-job training
49-3052	Motorcycle Mechanics	370	376	6	1.6%	\$29,980	\$41,560	\$39,420	\$49,710	16	24	3	43	Postsecondary non-degree award	None	Short-term on-the-job training
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	1,750	1,772	22	1.3%	\$29,440	\$36,450	\$36,810	\$41,560	77	116	11	204	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3091	Bicycle Repairers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
49-3092	Recreational Vehicle Service Technicians	167	174	7	4.2%	\$28,310	\$35,980	\$29,930	\$37,920	6	14	4	24	High school diploma or equivalent	None	Long-term on-the-job training
49-3093	Tire Repairers and Changers	2,259	2,285	26	1.2%	\$27,130	\$32,730	\$31,920	\$36,920	70	188	13	271	High school diploma or equivalent	None	Short-term on-the-job training
49-9011	Mechanical Door Repairers	1,203	1,254	51	4.2%	\$36,900	\$47,070	\$43,000	\$53,160	28	70	26	124	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	652	654	2	0.3%	\$48,920	\$70,100	\$75,670	\$82,900	15	37	1	53	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	7,757	8,031	274	3.5%	\$38,250	\$52,920	\$48,040	\$61,510	202	538	137	877	Postsecondary non-degree award	None	Long-term on-the-job training
49-9031	Home Appliance Repairers	899	909	10	1.1%	\$37,020	\$48,790	\$46,900	\$60,770	34	52	5	91	High school diploma or equivalent	None	Moderate-term on-the-job training
49-9041	Industrial Machinery Mechanics	4,632	4,													

51-6062	Textile Cutting Machine Setters, Operators, and Tenders	63	67	4	6.4%	\$23,840	\$28,650	\$27,400	\$29,930	4	4	2	10	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6063	Textile Knitting and Weaving Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Short-term on-the-job training
51-6064	Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6091	Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic Rubber, Plastic, and Glass	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6092	Fabric and Apparel Patternmakers	41	44	3	7.3%	\$24,030	\$37,090	\$25,860	\$43,490	2	3	2	7	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6093	Upholsterers	424	432	8	1.9%	\$28,700	\$35,960	\$36,490	\$42,040	12	24	4	40	High school diploma or equivalent	None	Moderate-term on-the-job training
51-6099	Textile, Apparel, and Furnishings Workers, All Other	164	165	1	0.6%	\$21,490	\$24,880	\$22,990	\$28,420	9	10	0	19	High school diploma or equivalent	None	Short-term on-the-job training
51-7011	Cabinetmakers and Bench Carpenters	3,745	3,862	117	3.1%	\$29,280	\$36,540	\$36,480	\$44,590	143	210	58	411	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7021	Furniture Finishers	132	135	3	2.3%	\$25,360	\$36,500	\$37,280	\$46,700	8	10	2	20	High school diploma or equivalent	None	Short-term on-the-job training
51-7041	Sawing Machine Setters, Operators, and Tenders, Wood	1,402	1,401	-1	-0.1%	\$28,020	\$35,490	\$29,700	\$41,650	50	106	0	156	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7042	Woodworking Machine Setters, Operators, and Tenders, Except Sawing	1,876	1,890	14	0.8%	\$23,140	\$29,510	\$28,650	\$33,960	56	136	7	199	High school diploma or equivalent	None	Moderate-term on-the-job training
51-7099	Woodworkers, All Other	166	173	7	4.2%	\$23,860	\$30,490	\$29,810	\$35,610	6	10	4	20	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8011	Nuclear Power Reactor Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Long-term on-the-job training
51-8012	Power Distributors and Dispatchers	195	192	-3	-1.5%	\$59,980	\$85,650	\$94,710	\$101,220	5	13	-2	16	High school diploma or equivalent	None	Long-term on-the-job training
51-8013	Power Plant Operators	697	678	-19	-2.7%	\$61,490	\$76,590	\$77,450	\$95,400	18	46	-10	54	High school diploma or equivalent	None	Long-term on-the-job training
51-8021	Stationary Engineers and Boiler Operators	362	370	8	2.2%	\$49,800	\$64,410	\$63,270	\$76,890	18	26	4	48	High school diploma or equivalent	None	Long-term on-the-job training
51-8031	Water and Wastewater Treatment Plant and System Operators	2,460	2,453	-7	-0.3%	\$36,750	\$48,220	\$46,790	\$59,580	69	152	-4	217	High school diploma or equivalent	None	Long-term on-the-job training
51-8091	Chemical Plant and System Operators	n/a	n/a	n/a	n/a	\$42,740	\$60,150	\$51,960	\$68,920	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8092	Gas Plant Operators	162	158	-4	-2.5%	\$64,000	\$76,580	\$78,070	\$83,810	4	12	-2	14	High school diploma or equivalent	None	Long-term on-the-job training
51-8093	Petroleum Pump System Operators, Refinery Operators, and Gaugers	146	139	-7	-4.8%	\$62,880	\$75,980	\$75,990	\$97,580	4	11	-4	11	High school diploma or equivalent	None	Moderate-term on-the-job training
51-8099	Plant and System Operators, All Other	194	195	1	0.5%	\$37,720	\$50,830	\$49,770	\$63,330	4	15	0	19	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9011	Chemical Equipment Operators and Tenders	4,285	4,358	73	1.7%	\$36,790	\$48,090	\$46,430	\$60,640	95	335	36	466	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	1,154	1,163	9	0.8%	\$33,630	\$44,430	\$38,520	\$48,130	26	90	4	120	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	1,227	1,232	5	0.4%	\$29,950	\$43,000	\$38,540	\$50,090	42	92	2	136	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9022	Grinding and Polishing Workers, Hand	116	113	-3	-2.6%	\$28,990	\$36,730	\$36,130	\$42,390	4	8	-2	10	No formal educational credential	None	Moderate-term on-the-job training
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	2,989	3,061	72	2.4%	\$31,300	\$43,830	\$47,440	\$53,190	102	226	36	364	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9031	Cutters and Trimmers, Hand	144	138	-6	-4.2%	\$27,910	\$30,650	\$29,280	\$31,260	6	10	-3	13	No formal educational credential	None	Short-term on-the-job training
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	897	904	7	0.8%	\$36,170	\$39,840	\$37,910	\$45,850	40	68	4	112	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9041	Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders	1,256	1,273	17	1.4%	\$36,360	\$41,420	\$41,840	\$47,660	34	93	8	135	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9051	Furnace, Kiln, Oven, Drier, and Kettle Operators and Tenders	255	259	4	1.6%	\$37,400	\$44,790	\$46,640	\$51,930	9	16	2	27	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	10,456	10,377	-79	-0.8%	\$36,870	\$46,130	\$45,900	\$56,270	400	827	-40	1,187	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9071	Jewelers and Precious Stone and Metal Workers	513	501	-12	-2.3%	\$46,150	\$48,980	\$50,280	\$59,880	27	34	-6	55	High school diploma or equivalent	None	Long-term on-the-job training
51-9081	Dental Laboratory Technicians	954	956	2	0.2%	\$33,480	\$42,140	\$37,870	\$46,800	43	78	1	122	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9082	Medical Appliance Technicians	789	804	15	1.9%	\$33,020	\$48,070	\$40,840	\$51,720	36	65	8	109	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9083	Ophthalmic Laboratory Technicians	n/a	n/a	n/a	n/a	\$29,710	\$38,900	\$37,460	\$47,430	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9111	Packaging and Filling Machine Operators and Tenders	8,490	8,604	114	1.3%	\$29,100	\$41,170	\$37,370	\$47,440	352	568	57	977	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9123	Painting, Coating, and Decorating Workers	136	137	1	0.7%	\$30,010	\$40,310	\$37,550	\$42,550	4	10	0	14	No formal educational credential	None	Moderate-term on-the-job training
51-9124	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	4,343	4,455	112	2.6%	\$33,600	\$43,660	\$42,120	\$48,770	122	316	56	494	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9141	Semiconductor Processing Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9151	Photographic Process Workers and Processing Machine Operators	268	261	-7	-2.6%	\$23,840	\$32,010	\$27,330	\$37,660	12	28	-4	36	High school diploma or equivalent	None	Short-term on-the-job training
51-9161	Computer Numerically Controlled Tool Operators	4,524	4,570	46	1.0%	\$36,910	\$44,450	\$43,480	\$49,200	156	336	23	515	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9162	Computer Numerically Controlled Tool Programmers	738	792	54	7.3%	\$48,480	\$59,630	\$55,780	\$63,330	26	56	27	109	Postsecondary non-degree award	None	Moderate-term on-the-job training
51-9191	Adhesive Bonding Machine Operators and Tenders	184	188	4	2.2%	\$28,970	\$31,680	\$29,910	\$36,970	10	12	2	24	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	273	277	4	1.5%	\$29,020	\$36,620	\$36,810	\$41,700	10	20	2	32	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9193	Cooling and Freezing Equipment Operators and Tenders	1,171	1,180	9	0.8%	\$42,900	\$45,120	\$46,830	\$47,110	40	87	4	131	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9194	Etchers and Engravers	77	77	0	0.0%	\$28,820	\$34,540	\$29,980	\$37,030	4	5	0	9	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9195	Molders, Shapers, and Casters, Except Metal and Plastic	1,688	1,723	35	2.1%	\$33,440	\$40,460	\$38,370	\$46,210	61	112	18	191	High school diploma or equivalent	None	Long-term on-the-job training
51-9196	Paper Goods Machine Setters, Operators, and Tenders	3,247	3,201	-46	-1.4%	\$35,800	\$42,670	\$44,500	\$47,840	146	214	-23	337	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9197	Tire Builders	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
51-9198	Helpers--Production Workers	4,053	4,064	11	0.3%	\$28,550	\$32,540	\$29,690	\$36,330	190	382	6	578	High school diploma or equivalent	None	Short-term on-the-job training
51-9199	Production Workers, All Other	5,533	5,702	169	3.1%	\$28,920	\$38,180	\$31,570	\$48,620	192	415	84	691	High school diploma or equivalent	None	Moderate-term on-the-job training
53-0000	Transportation and Material Moving Occupations	257,796	264,197	6,401	2.5%	\$28,300	\$39,690	\$36,000	\$46,640	11,072	19,630	3,200	33,902			
53-1041	Aircraft Cargo Handling Supervisors	224	228	4	1.8%	\$38,410	\$56,890	\$49,360	\$77,470	8	16	2	26	High school diploma or equivalent	Less than 5 years	None
53-1047	First-Line Supervisors of Transportation & Material Moving Workers, Except Aircraft Cargo Handling Supervisors	9,859	10,046	187	1.9%	\$39,210	\$56,300	\$50,900	\$63,190	363	690	94	1,147	High school diploma or equivalent	Less than 5 years	None
53-2011	Airline Pilots, Copilots, and Flight Engineers	n/a	n/a	n/a	n/a	\$80,060	\$135,410	\$104,410	\$142,720	n/a	n/a	n/a	n/a	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training
53-2012	Commercial Pilots	1,135	1,169	34	3.0%	\$80,310	\$107,130	\$102,280	\$129,880	42	81	17	140	Postsecondary non-degree award	None	Moderate-term on-the-job training
53-2021	Air Traffic Controllers	223	223	0	0.0%	\$82,450	\$104,300	\$100,570	\$122,200	6	16	0	22	Associate's degree	None	Long-term on-the-job training
53-2022	Airfield Operations Specialists	634	663	29	4.6%	\$27,360	\$34,090	\$30,060	\$37,430	17	44	14	75	High school diploma or equivalent	None	Long-term on-the-job training
53-2031	Flight Attendants	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3031	Driver/Sales Workers	16,003	16,378	375	2.3%	\$23,450	\$33,820	\$28,560	\$42,450	663	1,098	188	1,949	High school diploma or equivalent	None	Short-term on-the-job training
53-3032	Heavy and Tractor-Trailer Truck Drivers	48,944	49,574	630	1.3%	\$37,730	\$50,780	\$47,130	\$58,860	2,017	3,340	315	5,672	Postsecondary non-degree award	None	Short-term on-the-job training
53-3033	Light Truck Drivers	19,404	19,776	372	1.9%	\$29,800	\$43,300	\$38,510	\$49,140	802	1,328	186	2,316	High school diploma or equivalent	None	Short-term on-the-job training
53-3051	Bus Drivers, School	11,084	11,252	168	1.5%	\$28,460	\$36,750	\$36,330	\$42,540	0	0	84	84	High school diploma or equivalent	None	Short-term on-the-job training
53-3052	Bus Drivers, Transit and Intercity	1,378	1,397	19	1.4%	\$25,560	\$38,080	\$32,940	\$49,980	92	69	10	171	High school diploma or equivalent	None	Moderate-term on-the-job training
53-3053	Shuttle Drivers and Chauffeurs	4,378	4,432	54	1.2%	\$23,030	\$27,920	\$28,560	\$30,520	0	0	27	27	No formal educational credential	None	Short-term on-the-job training
53-3054	Taxi Drivers	n/a	n/a	n/a	n/a	\$21,980	\$24,400	\$22,870	\$27,720	n/a	n/a	n/a	n/a	No formal educational credential	None	Short-term on-the-job training
53-3099	Motor Vehicle Operators, All Other	1,476	1,507	31	2.1%	\$24,800	\$32,670	\$28,370	\$37,810	150	88	16	254	No formal educational credential	None	Short-term on-the-job training
53-4011	Locomotive Engineers	1,134	1,101	-33	-2.9%	\$81,910	\$81,340	\$81,910	\$82,050	25	72	-16	81	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training
53-4013	Rail Yard Engineers, Dinkey Operators, and Hostlers	50	48	-2	-4.0%	\$60,980	\$62,650	\$63,440	\$63,840	1	3	-1	3	High school diploma or equivalent	None	Moderate-term on-the-job training
53-4022	Railroad Brake, Signal, and Switch Operators and Locomotive Firers	1,054	1,020	-34	-3.2%	\$63,840	\$63,860	\$63,840	\$63,960	23	68	-17	74	High school diploma or equivalent	None	Moderate-term on-the-job training
53-4031	Railroad Conductors and Yardmasters	1,095	1,063	-32	-2.9%	\$62,740	\$66,510	\$63,720	\$63,840	24	70	-16	78	High school diploma or equivalent	None	Moderate-term on-the-job training
53-5011	Sailors and Marine Oilers	266	266	0	0.0%	\$29,670	\$59,390	\$38,480	\$49,670	8	23	0	31	No formal educational credential	None	Moderate-term on-the-job training
53-5021	Captains, Mates, and Pilots of Water Vessels	561	570	9	1.6%	\$30,160	\$74,450	\$57,060	\$81,560	16	40	4	60	Postsecondary non-degree award	Less than 5 years	None
53-5022	Motorboat Operators	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	Less than 5 years	None
53-5031	Ship Engineers	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	Postsecondary non-degree award	Less than 5 years	None
53-6011	Bridge and Lock Tenders	42	42	0	0.0%	\$57,570	\$60,660	\$62,040	\$64,330	2	4	0	6	High school diploma or equivalent	None	Short-term on-the-job training
53-6021	Parking Attendants	319	322	3	0.9%	\$23,100	\$27,800	\$24,460	\$30,000	16	33	2	51	No formal educational credential	None	Short-term on-the-job training
53-6031	Automotive and Watercraft Service Attendants	1,445	1,479	34	2.4%	\$23,570	\$31,560	\$29,730								